

Table 29. Selected metropolitan areas, metropolitan divisions, and cities: unemployment rates by occupation, 2008 annual averages

Area type and title	Total ¹	Management, professional, and related occupations		Service occupations	Sales and office occupations		Natural resources, construction, and maintenance occupations		Production, transportation, and material moving occupations	
		Management, business, and financial operations occupations	Professional and related occupations		Sales and related occupations	Office and administrative support occupations	Construction and extraction occupations	Installation, maintenance, and repair occupations	Production occupations	Transportation and material moving occupations
Metropolitan areas:										
Atlanta-Sandy Springs-Marietta	6.4	4.6	1.9	7.2	8.7	8.6	13.4	2.9	9.2	8.5
Austin-Round Rock	4.2	1.1	3.7	5.3	3.1	3.8	8.4	(²)	(²)	(²)
Baltimore-Towson	4.1	2.2	2.1	5.1	4.7	4.3	8.5	(²)	(²)	8.4
Birmingham-Hoover	3.9	.3	1.7	6.8	6.6	2.7	(²)	(²)	(²)	(²)
Boston-Cambridge-Quincy	4.7	3.6	2.6	5.3	6.0	6.9	11.3	2.7	3.8	8.1
Bridgeport-Stamford-Norwalk	6.6	2.1	4.4	7.9	7.6	7.5	14.7	(²)	(²)	(²)
Buffalo-Niagara Falls	7.5	3.3	2.8	11.6	4.5	8.1	24.7	(²)	6.6	15.8
Charlotte-Gastonia-Concord	7.7	4.8	4.2	9.8	7.7	6.1	13.0	9.2	12.5	9.3
Chicago-Naperville-Joliet	5.7	2.8	2.8	7.0	7.5	6.0	14.1	6.1	4.8	6.0
Cincinnati-Middletown	4.6	1.6	1.7	5.0	6.9	5.3	12.6	(²)	7.5	6.6
Cleveland-Elyria-Mentor	5.9	2.5	2.5	8.9	5.9	4.4	15.0	6.6	7.6	10.5
Columbus	5.7	3.6	3.4	6.9	3.3	6.0	17.5	(²)	12.2	4.9
Dallas-Fort Worth-Arlington	4.1	1.9	2.6	7.3	3.7	5.4	3.7	4.3	6.0	3.7
Dayton	8.3	5.5	3.7	10.2	4.4	8.7	(²)	(²)	14.7	(²)
Denver-Aurora	4.3	3.4	2.4	6.4	4.9	4.0	8.2	1.9	(²)	5.9
Detroit-Warren-Livonia	7.4	3.3	4.7	7.8	6.4	6.4	23.8	5.2	15.9	12.4
Hartford-West Hartford- East Hartford	4.8	3.0	2.6	5.6	5.9	5.7	(²)	(²)	(²)	(²)
Honolulu	3.3	1.9	1.7	3.6	4.7	2.4	8.9	(²)	(²)	3.8
Houston-Sugar Land-Baytown	4.9	1.9	1.8	8.0	6.4	3.6	6.8	4.6	4.8	10.7
Indianapolis-Carmel	4.9	2.2	1.9	9.8	5.7	4.3	(²)	(²)	8.7	7.6
Jacksonville	5.8	7.6	2.9	6.8	6.1	4.9	8.0	(²)	(²)	(²)
Kansas City	4.9	3.2	2.2	6.5	6.1	5.0	11.1	5.0	5.3	5.2
Las Vegas-Paradise	5.7	3.3	2.4	5.4	4.9	5.2	12.2	6.9	11.7	10.3
Los Angeles-Long Beach- Santa Ana	6.4	2.7	4.2	6.3	6.2	8.2	13.7	5.5	10.4	7.9
Louisville-Jefferson County	6.3	1.5	3.8	11.8	8.8	2.9	10.9	4.9	10.9	4.8
Memphis	6.5	2.2	1.8	8.3	4.9	7.8	13.0	(²)	14.9	8.8
Miami-Fort Lauderdale- Pompano Beach	5.2	3.0	3.5	7.4	5.9	3.1	11.0	3.1	9.0	3.1
Milwaukee-Waukesha-West Allis ..	4.8	1.8	2.5	8.7	4.6	4.5	(²)	(²)	4.4	8.2
Minneapolis-St. Paul-Bloomington Nashville-Davidson--	5.7	3.0	3.1	7.6	6.8	6.8	12.5	5.5	7.4	9.2
Murfreesboro--Franklin	4.4	1.8	2.7	5.6	4.8	3.6	6.8	(²)	10.8	6.1
New Orleans-Metairie-Kenner	4.1	(²)	1.5	6.1	8.5	2.5	(²)	(²)	(²)	(²)
New York-Northern New Jersey- Long Island	4.6	2.7	3.1	5.6	4.5	5.1	9.7	4.4	6.5	6.5
Oklahoma City	4.1	1.1	.9	5.6	6.2	2.7	(²)	(²)	(²)	(²)
Orlando-Kissimmee	6.2	5.0	3.1	6.4	7.7	5.3	7.8	2.6	(²)	13.5
Philadelphia-Camden-Wilmington	5.2	3.0	3.0	7.2	5.3	4.5	12.0	3.8	7.2	8.9
Phoenix-Mesa-Scottsdale	4.8	2.2	2.6	6.9	4.1	3.7	9.0	9.5	5.6	8.9
Pittsburgh	4.5	1.3	1.4	7.2	6.9	3.1	10.2	(²)	4.5	8.1
Portland-Vancouver-Beaverton	5.5	1.7	2.6	9.0	5.9	4.4	14.9	(²)	7.8	6.7
Providence-Fall River-Warwick	6.9	3.7	2.7	7.2	7.7	7.0	15.2	6.1	11.2	12.7
Richmond	3.3	2.6	.9	3.0	7.4	2.5	(²)	(²)	(²)	(²)
Riverside-San Bernardino-Ontario	8.6	6.1	4.4	9.0	9.2	7.8	16.5	8.0	8.8	10.3
Rochester	4.6	1.6	2.7	5.1	4.3	4.5	(²)	(²)	(²)	(²)
Sacramento--Arden-Arcade-- Roseville	7.5	3.0	2.4	9.1	8.5	6.4	29.3	5.1	(²)	13.3
Salt Lake City	3.7	1.5	2.2	4.9	3.5	2.3	11.7	(²)	4.0	3.9
San Antonio	4.3	3.2	3.9	5.8	3.7	3.8	5.5	(²)	(²)	(²)
San Diego-Carlsbad-San Marcos	5.2	2.5	3.9	5.9	8.0	4.2	11.0	4.3	4.0	6.7
San Francisco-Oakland-Fremont ..	4.3	2.4	2.1	4.1	4.3	5.6	13.0	4.3	6.2	7.8
San Jose-Sunnyvale-Santa Clara	5.4	5.3	3.0	6.4	6.9	5.9	7.9	(²)	6.4	(²)
Seattle-Tacoma-Bellevue	3.8	3.2	2.6	3.5	5.3	4.0	6.5	4.4	4.9	5.7
St. Louis ³	6.6	2.2	3.0	8.5	5.3	7.5	13.3	4.5	8.7	13.5
Tampa-St. Petersburg-Clearwater	5.9	3.7	2.8	6.9	5.4	6.6	15.5	2.4	10.5	12.2
Tulsa	3.0	1.5	1.8	6.4	3.9	2.3	(²)	(²)	(²)	(²)

See notes at end of table.

Table 29. Selected metropolitan areas, metropolitan divisions, and cities: unemployment rates by occupation, 2008 annual averages—Continued

Area type and title	Total ¹	Management, professional, and related occupations		Service occupations	Sales and office occupations		Natural resources, construction, and maintenance occupations		Production, transportation, and material moving occupations	
		Management, business, and financial operations occupations	Professional and related occupations		Sales and related occupations	Office and administrative support occupations	Construction and extraction occupations	Installation, maintenance, and repair occupations	Production occupations	Transportation and material moving occupations
Metropolitan areas:										
Virginia Beach-Norfolk-Newport News	4.1	2.0	2.4	5.8	4.0	5.1	(²)	(²)	(²)	(²)
Washington-Arlington-Alexandria	3.4	2.0	2.1	5.2	3.9	4.5	4.8	1.3	7.7	6.7
Metropolitan divisions:										
Bethesda-Frederick-Rockville	3.4	2.3	2.1	4.4	(²)	(²)	(²)	(²)	(²)	(²)
Boston-Cambridge-Quincy	4.5	3.4	2.3	5.2	6.6	7.5	12.1	(²)	(²)	(²)
Camden	5.0	2.0	3.4	7.3	6.0	.8	(²)	(²)	(²)	(²)
Chicago-Naperville-Joliet	5.7	2.8	2.8	6.6	8.1	6.2	14.3	6.3	5.3	6.3
Dallas-Plano-Irving	4.4	2.0	3.2	7.6	3.5	5.2	4.3	3.2	8.0	5.3
Detroit-Livonia-Dearborn	8.0	3.9	5.2	8.1	8.2	7.1	23.6	(²)	16.1	10.1
Edison-New Brunswick	4.4	3.4	2.1	5.5	5.8	2.9	6.9	(²)	(²)	10.6
Fort Lauderdale-Pompano Beach-Deerfield Beach	5.6	4.2	3.9	8.0	8.1	2.8	7.3	(²)	(²)	5.1
Fort Worth-Arlington	3.6	1.9	1.1	6.8	4.1	5.9	2.7	(²)	2.8	1.2
Los Angeles-Long Beach-Glendale	7.1	3.0	4.7	7.3	6.9	8.5	14.4	6.6	11.5	7.8
Miami-Miami Beach-Kendall	5.2	2.6	3.2	7.2	4.7	3.5	13.2	(²)	10.5	2.5
Nassau-Suffolk	3.3	2.4	2.1	4.4	1.1	4.5	10.7	(²)	(²)	3.3
New York-White Plains-Wayne	4.8	2.5	3.4	5.8	5.2	5.0	10.0	5.3	6.9	5.2
Newark-Union	5.6	3.0	4.0	5.5	3.4	8.9	9.5	(²)	4.6	14.3
Oakland-Fremont-Hayward	4.7	2.2	1.4	4.8	6.8	5.1	12.9	5.2	7.1	7.7
Philadelphia	5.2	3.4	2.9	7.1	4.8	5.4	11.0	3.5	6.8	8.2
San Francisco-San Mateo-Redwood City	3.8	2.7	3.0	3.2	1.6	6.4	(²)	(²)	(²)	(²)
Santa Ana-Anaheim-Irvine	4.3	2.2	2.7	3.4	4.4	6.9	11.3	(²)	5.8	8.7
Seattle-Bellevue-Everett	3.9	3.3	2.6	2.9	5.6	3.6	7.5	(²)	(²)	8.2
Warren-Troy-Farmington Hills	7.0	3.0	4.4	7.6	5.3	5.9	23.9	6.0	15.7	14.4
Washington-Arlington-Alexandria	3.4	2.0	2.1	5.4	3.6	4.4	4.7	(²)	(²)	5.8
West Palm Beach-Boca Raton-Boynton Beach	4.4	1.5	3.6	6.9	5.0	2.9	(²)	(²)	(²)	(²)
Cities:										
Atlanta city	5.6	1.6	2.2	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Austin city	3.9	.8	5.6	3.5	2.2	2.7	(²)	(²)	(²)	(²)
Baltimore city	6.9	1.5	2.8	6.3	(²)	6.1	(²)	(²)	(²)	(²)
Boston city	6.8	5.8	4.4	6.2	14.0	5.6	(²)	(²)	(²)	(²)
Charlotte city	8.9	6.5	6.3	10.2	7.7	5.8	14.0	(²)	(²)	10.9
Chicago city	7.8	2.8	4.2	8.9	12.7	9.2	19.0	(²)	6.6	7.1
Cleveland city	10.8	3.8	8.8	8.0	(²)	12.6	(²)	(²)	6.2	(²)
Columbus city	6.5	4.1	6.2	6.2	4.5	7.6	(²)	(²)	(²)	3.7
Dallas city	5.8	3.0	3.3	8.5	3.6	7.2	4.5	(²)	13.7	3.3
Denver County/city	6.2	6.3	2.1	7.6	10.3	(²)	(²)	(²)	(²)	(²)
Detroit city	11.3	3.8	9.0	11.2	14.4	6.9	19.5	(²)	23.8	11.7
Fort Worth city	4.7	2.6	.4	10.5	7.1	6.9	(²)	(²)	(²)	(²)
Houston city	5.8	3.6	1.8	6.9	8.1	5.7	5.8	(²)	6.1	13.1
Indianapolis (consolidated) city	9.0	5.0	3.1	16.9	11.3	8.0	(²)	(²)	11.1	10.3
Jacksonville city	6.1	7.4	3.3	8.1	5.0	5.3	(²)	(²)	(²)	(²)
Kansas City city	6.1	(²)	1.6	(²)	(²)	9.8	(²)	(²)	(²)	(²)
Las Vegas city	7.0	4.6	1.1	5.2	7.5	7.2	17.3	(²)	(²)	(²)
Los Angeles city	7.8	3.9	5.7	7.0	7.9	10.1	14.8	9.4	9.8	13.2
Louisville-Jefferson County (consolidated) city	6.1	1.1	3.6	11.4	(²)	3.1	(²)	(²)	(²)	(²)
Memphis city	6.4	3.5	(²)	7.4	(²)	6.9	(²)	(²)	(²)	7.7
Miami city	6.3	(²)	(²)	4.5	(²)	(²)	(²)	(²)	(²)	(²)
Milwaukee city	8.8	6.2	6.0	10.8	8.5	8.9	(²)	(²)	5.4	11.9
Minneapolis city	8.5	3.5	4.7	13.0	11.1	14.5	(²)	(²)	(²)	(²)

See notes at end of table.

Table 29. Selected metropolitan areas, metropolitan divisions, and cities: unemployment rates by occupation, 2008 annual averages—Continued

Area type and title	Total ¹	Management, professional, and related occupations		Service occupations	Sales and office occupations		Natural resources, construction, and maintenance occupations		Production, transportation, and material moving occupations	
		Management, business, and financial operations occupations	Professional and related occupations		Sales and related occupations	Office and administrative support occupations	Construction and extraction occupations	Installation, maintenance, and repair occupations	Production occupations	Transportation and material moving occupations
Cities:										
Nashville-Davidson (consolidated) city	3.8	1.1	2.4	5.6	(2)	(2)	(2)	(2)	(2)	(2)
New Orleans city	2.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
New York city	5.1	2.4	4.3	6.0	5.0	5.0	9.2	5.2	7.5	5.2
Oakland city	4.2	(2)	1.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Oklahoma City city	6.4	1.0	1.5	8.1	8.8	2.3	(2)	(2)	(2)	(2)
Philadelphia County/city	6.3	3.8	1.4	7.5	7.7	4.5	16.5	(2)	(2)	10.0
Phoenix city	4.9	1.8	1.3	6.6	4.5	4.6	5.5	(2)	(2)	13.8
Portland city	6.1	2.5	3.4	9.5	8.7	7.1	(2)	(2)	(2)	(2)
Sacramento city	7.0	(2)	3.4	7.7	(2)	6.8	(2)	(2)	(2)	(2)
San Antonio city	5.0	4.0	4.5	5.3	4.6	4.8	4.7	(2)	(2)	(2)
San Diego city	5.1	1.7	4.0	5.9	6.8	4.9	(2)	(2)	(2)	(2)
San Francisco County/city	4.2	4.4	4.0	2.1	(2)	(2)	(2)	(2)	(2)	(2)
San Jose city	7.4	7.7	4.4	6.4	8.0	5.4	(2)	(2)	(2)	(2)
Seattle city	3.5	4.4	2.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)
St. Louis city	13.1	(2)	3.5	10.9	(2)	9.8	(2)	(2)	(2)	(2)
Tulsa city	3.8	(2)	2.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Virginia Beach city	4.0	(2)	3.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Washington city	6.3	3.0	3.6	10.9	9.0	8.4	17.9	(2)	(2)	8.5

¹ Excludes persons with no previous work experience. Includes farming, fishing, and forestry occupations, which are not shown separately.

² Data are not shown when the labor force base does not meet the BLS publication standard of reliability for the particular area, as determined by the

sample size. (See appendix B.)

³ Data do not reflect the official U.S. Office of Management and Budget definition. (See appendix C.)